

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION EC-65

Effective August 1, 2012

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation **March 2016**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Vinyl Carpentry Soffit Systems manufactured by

CertainTeed Corporation
803 Belden Road
Jackson, Michigan 49203
(800) 233-8990

(marketed under trade names **CertainTeed** and **Wolverine**) will be accepted for use in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

Brand	Vinyl Carpentry Product	Profiles	Nominal Hem Thickness (inches)
CertainTeed or Wolverine	Ironmax Premium Soffit	D5	0.046
	Triple 3 1/3	T3 1/3	0.044
	Universal Soffit	T4	0.040
	Beaded Soffit	T2	0.039
	Value Soffit	T4	0.036

LIMITATIONS

Design Wind Pressures: Design wind pressure limitations are specified in Table 1.

Roof and wall framing: Roof and wall framing shall meet the requirements of the International Residential Code and International Building Code. All wood framing members must be a minimum of Southern Pine.

Fasteners: Unless otherwise noted, all fasteners shall be 1 1/2" long galvanized ring-shank roofing nails (3/8" diameter head, 1/8" shank diameter).

Table 1 - Design Wind Pressures

Maximum Allowable Design Pressure Wall-side J-Channel Nailed at 16" o.c.				
Span (inches)	Product	Soffit Center Nailing	Soffit End Nailing	Design Pressure (psf)
16	Ironmax Premium Soffit D5	N/A	10" o.c.	-38.7
	Triple 3 1/3" Solid Soffit T3 1/3"	N/A	10" o.c.	-45.3
	Universal Soffit T4	N/A	12" o.c.	-32
	Beaded Soffit T2	N/A	6" o.c.	-58.7
	Value Soffit T4	N/A	12" o.c.	Not permitted
24	Ironmax Premium Soffit D5	10" o.c.	10" o.c.	-51.3
	Triple 3 1/3" Solid Soffit T3 1/3"	10" o.c.	10" o.c.	-75.3
	Universal Soffit T4	12" o.c.	12" o.c.	-50.0
	Beaded Soffit T2	6" o.c.	6" o.c.	-63.3
	Value Soffit T4	12" o.c.	12" o.c.	-29.0

INSTALLATION INSTRUCTIONS

General Installation Requirements: All fasteners shall be corrosion resistant. If non-structural sheathing (foam or fiberboard) is used, then the length of the fastener used to secure the vinyl siding to the framing shall be increased by the thickness of the non-structural sheathing. Nails shall be driven straight into the center of the nailing slot, except for the top slot of vertical accessories, where the fastener is placed at the upper edge of the topmost slot. Fasteners shall not be driven tightly. Leave at least a 1/32 inch space between the fastener head and the vinyl siding. Apply the J-channels and soffit siding with fasteners spaced in accordance with the Table 1.

Installation: Framing members shall be minimum Southern Pine lumber. The framing members shall be spaced a maximum of 16 inches on center. The vertical siding/soffit shall be fastened directly to wood structural framing members or to 1" x 3" furring strips spaced at a maximum of 12 inches on center. The furring strips shall be fastened to the framing members with a minimum of two 16d common galvanized nails at each framing member they cross.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.